

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A cathode-ray tube apparatus comprising:

an electron gun assembly having a plurality of electrodes constituting an electron beam generating section for generating electron beams and a main lens section for focusing the electron beams, which have been generated from the electron beam generating section, onto a phosphor screen;

a deflection yoke for generating deflection magnetic fields for deflecting the electron beams emitted from the electron gun assembly in a horizontal direction and a vertical direction of the phosphor screen, and causing the electron beams to scan the phosphor screen in the horizontal and vertical directions; and

velocity modulation coils, provided as a separate body from the deflection yoke, and outside the electron gun assembly, for modulating scan velocities of the electron beams in synchronism with deflection magnetic fields generated by the deflection yoke,

wherein at least one of the electrodes of the electron gun assembly is constructed by bringing at least first and second electrode members arranged in a direction of passing of the electron beams in physical contact with each other, and

the first electrode member has a projecting portion on an end face thereof, which is to be in physical contact with the second electrode member disposed adjacent to the first electrode member.

2. (Original) A cathode-ray tube apparatus according to claim 1, wherein said projecting portion is formed in a region other than a region where a magnetic field generated from the velocity modulation coils acts on the electron beams.

3. (Original) A cathode-ray tube apparatus according to claim 1, wherein the first

electrode member has electron beam passage holes for passing of the electron beams, and the projecting portion is formed such that when a maximum diametrical dimension of each electron beam passage hole in a horizontal direction including a center axis of the electron beam passage hole is set at 100%, the projecting portion is formed in a region other than a region corresponding to 50% of the maximum diametrical dimension, with the center of this 50% dimension being set at the center axis of the electron beam passage hole.

4. (Previously Presented) A cathode-ray tube apparatus according to claim 1, wherein the second electrode member has a projecting portion on an end face thereof, which is to be in physical contact with the first electrode member, such that the projecting portion of the second electrode member corresponds to the projecting portion of the first electrode member.

5. (Previously Presented) A cathode-ray tube apparatus according to claim 1, wherein the electrode constructed by bringing said at least first and second electrode members in physical contact with each other is the electrode constituting said main lens section.

6. (New) A cathode-ray tube apparatus according to claim 1, comprising:
a gap formed between said end face and said second electrode member.

7. (New) A cathode-ray tube apparatus according to claim 1, comprising:
said first electrode member makes physical contact with said second electrode member only with said projecting portion.

8. (New) A cathode-ray tube apparatus according to claim 4, comprising:
a gap formed between said end face of said first electrode member and said end face of said second electrode member.

9. (New) A cathode-ray tube apparatus according to claim 4, comprising:

said projecting portion of said first electrode member in physical contact with said projecting portion of said second electrode member.

10. (New) A cathode-ray tube apparatus according to claim 4, comprising:

physical contact between said first electrode member and said second electrode member occurs only between said respective projecting portions.